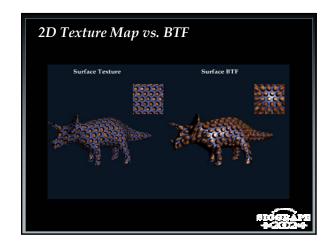
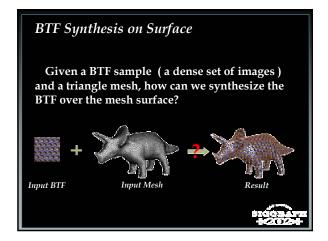
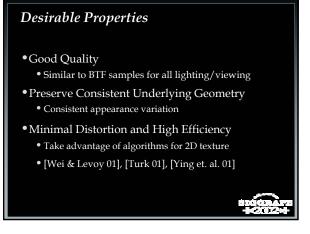
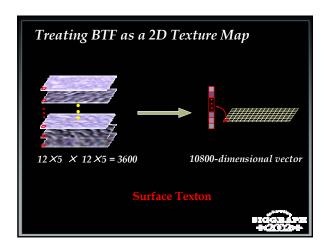


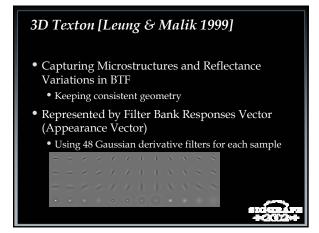
A collection of images of the same surface under different lighting and viewing directions. — [Dana et. al. 97] • 6D Function (x, y, l_θ, l_ψ, v_θ, v_ψ) • Dense Sampling in Viewing/Lighting Directions • Capturing Appearance of Real World Surface











Why Not 3D Texton for Synthesis? Problem Appearance vector is high dimensional Key Observation Basic computation in synthesis is dot-product of 3D textons' appearance vectors Solution Pre-compute the dot-products and then discard all appearance vectors!

